

## CLAIMS :

1. (previously presented) A resistance metering device having probes on a bar clamp with two leads providing direct current and two leads serving to measure a voltage with a voltmeter from which a resistance is deducted and comprising:  
a plurality of probes each having a body comprised of four faces on their long side;  
an attachment groove situated on one of the four faces for attachment to a clamp jaw;  
a lead passageway for passing a lead therethrough;  
at least one mechanical fastener passing through said face so as to fixedly attach a metal contact situated on an opposite face as well as fixedly attaching said lead;  
a bar clamp having jaws and over which jaws are slid said attachment grooves from said probes.
2. (previously presented) A resistance metering device as in claim 1 wherein :  
said probes having metal contacts that are crescent shaped
3. (previously presented) A resistance metering device as in claim 1 wherein :  
said probes having metal contacts that are bar shaped.